

March Operations Report Forest View Acres

This report will include any and all work and projects during the months of February & March.

- An *air compressor* was purchased for the SWP. The existing was still working, but we did not have any backup compressor. Since this air compressor has a three year warranty, I put it on line, and will use the existing as a back up. Another air compressor will be purchased in March for the Arapahoe as the "backup" air compressor on line is not sounding good either.
- *Fire extinguishers* were purchased and installed with signage. They were installed at the SWP, Arapahoe Plant (AWP), and Booster Pump station. (BPS).
- *Exit signs* were purchased and installed at the SWP and AWP.
- Purchase of "*Danger*" signage for BPS, AWP, and BPS.
- Material Safety Data Sheets (*MSDS*) notebook was established.
- The *chlorine analyzer* is being sent back to Hach to determine why it isn't working. Technicians have been working on this unit with Hach. It was determined that we send it back in.
- Collected *water samples* according to the 2007 Monitor Schedule.
- *Isolation valves* being located at PRV's in order to isolate PRV's for inspection and possible gauge installation.
- Met with *Paul Zilis* at work session to discuss water rights.
- Prepared *Production Report* for February. Need to discuss "Production Unaccounted for (loss)".
- Working on a general "Maintenance Schedule" for 2007. Should be completed by the end of March.

FOREST VIEW ACRES WATER DISTRICT
PRODUCTION REPORT FOR 2007

ITEM	MEASURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2007
SURFACE WATER PLANT:														
Effluent	Gallons	1,252,500	1,857,300	-	-	-	-	-	-	-	-	-	-	3,109,800
Backwash	Gallons	79,500	123,700	-	-	-	-	-	-	-	-	-	-	203,200
Filter to Waste	Gallons	0	0	-	-	-	-	-	-	-	-	-	-	-
Combined Backwash & Waste Usage	Gallons	79,500	123,700	-	-	-	-	-	-	-	-	-	-	203,200
Usage Required for Production	%	6.3%	6.7%	-	-	-	-	-	-	-	-	-	-	6.5%
Time Online	Days	23.0	28.0	-	-	-	-	-	-	-	-	-	-	51.0
Net Production	Gallons	1,173,000	1,733,600	-	-	-	-	-	-	-	-	-	-	2,906,600
Average Flow Rate Per Minute	GPM	35.4	43.0	-	-	-	-	-	-	-	-	-	-	39.2
Average Flow Rate Per Day	GPD	61,914	61,914	-	-	-	-	-	-	-	-	-	-	56,457
Percentage of Total Production	%	95.5%	100.0%	-	-	-	-	-	-	-	-	-	-	77.7%
2006 Effluent	Gallons	2,576,000	2,969,600	2,085,300	2,584,500	2,678,200	1,461,700	180,600	364,400	1,000,300	950,400	1,388,900	901,900	19,181,800
Effluent Difference from 2006	%	-105.7%	-69.9%	-	-	-	-	-	-	-	-	-	-	-82.8%

ARAPAHOE WELL WATER PLANT:														
Effluent	Gallons	1,021,931	0	-	-	-	-	-	-	-	-	-	-	1,021,931
Backwash	Gallons	71,690	0	-	-	-	-	-	-	-	-	-	-	71,690
Well to Waste	Gallons	8,593	0	-	-	-	-	-	-	-	-	-	-	8,593
Combined Backwash & Waste Usage	Gallons	80,283	0	-	-	-	-	-	-	-	-	-	-	80,283
Usage Required for Production	%	7.9%	0.0%	-	-	-	-	-	-	-	-	-	-	3.9%
Recharge Line Usage @ Booster Station	Gallons	0	0	-	-	-	-	-	-	-	-	-	-	-
Time Well Pump Online	Days	8.1	0.0	-	-	-	-	-	-	-	-	-	-	8.1
Time Booster Pump Online	Days	7.4	0.0	-	-	-	-	-	-	-	-	-	-	7.4
Net Production	Gallons	941,648	0	-	-	-	-	-	-	-	-	-	-	941,648
Average Flow Rate Per Minute	GPM	87.8	0.0	-	-	-	-	-	-	-	-	-	-	43.9
Average Flow Rate Per Day	GPD	126,466	0.0	-	-	-	-	-	-	-	-	-	-	63,233
Percentage of Total Production	%	44.5%	0.0%	-	-	-	-	-	-	-	-	-	-	22.3%
2006 Effluent	Gallons	3,133,300	1,718,800	361,700	0	259,200	1,594,300	2,487,800	2,076,700	1,284,937	1,028,258	534,060	1,145,539	13,804,594
Effluent Difference from 2006	%	-28.5%	-100.0%	-	-	-	-	-	-	-	-	-	-	-64.3%

TOTAL PRODUCTION:														
Storage Tank Difference	Gallons	-26,415	-21,698	-	-	-	-	-	-	-	-	-	-	86,793
Clear Lines Post Repair (Estimate)	Gallons	0	0	-	-	-	-	-	-	-	-	-	-	-
Effluent	Gallons	2,744,431	1,857,300	-	-	-	-	-	-	-	-	-	-	4,131,731
Backwash	Gallons	151,190	123,700	-	-	-	-	-	-	-	-	-	-	274,890
Filter to Waste	Gallons	8,593	0	-	-	-	-	-	-	-	-	-	-	8,593
Combined Backwash & Waste Usage	Gallons	159,783	123,700	-	-	-	-	-	-	-	-	-	-	283,483
Usage Required for Production	%	7.0%	6.7%	-	-	-	-	-	-	-	-	-	-	6.8%
Net Production	Gallons	2,114,648	1,733,600	-	-	-	-	-	-	-	-	-	-	3,848,248
Average Flow Rate Per Minute	GPM	48.23	43.0	-	-	-	-	-	-	-	-	-	-	45.61
Average Flow Rate Per Day	GPD	69,456	61,914	-	-	-	-	-	-	-	-	-	-	65,685
Production Unaccounted For (Loss)	Gallons	818,531	529,888	-	-	-	-	-	-	-	-	-	-	1,348,429
Percent Loss	%	38.7%	30.6%	-	-	-	-	-	-	-	-	-	-	34.6%
2006 Effluent	Gallons	3,889,300	4,688,400	2,447,000	2,584,500	2,937,400	3,056,000	2,668,400	2,441,100	2,285,237	2,018,658	1,922,960	2,047,439	32,986,394
Effluent Difference from 2006	%	-33.9%	-170.4%	-	-	-	-	-	-	-	-	-	-	-127.2%

REVENUE:														
Residential (Includes Wides)	Gallons	1,320,532	1,223,400	-	-	-	-	-	-	-	-	-	-	2,543,932
	Dollars	\$10,638.06	\$9,787.20	-	-	-	-	-	-	-	-	-	-	\$20,425.26
Neveins Stable Usage	Gallons	2,000	2,000	-	-	-	-	-	-	-	-	-	-	4,000
	Dollars	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	-	-
Number of Taps Being Served	Each	284	285	-	-	-	-	-	-	-	-	-	-	285
Total Service Fee Billed	Dollars	\$8,236.00	\$8,265.00	-	-	-	-	-	-	-	-	-	-	\$16,501.00
Total Debt Service Fee Billed	Dollars	\$7,394.00	\$7,410.00	-	-	-	-	-	-	-	-	-	-	\$14,804.00
Total Capital Improvement Fee Billed	Dollars	\$11,928.00	\$11,970.00	-	-	-	-	-	-	-	-	-	-	\$23,898.00
Total Water Sales	Gallons	1,322,532	1,225,400	-	-	-	-	-	-	-	-	-	-	2,547,932
	Dollars	\$10,638.06	\$9,787.20	-	-	-	-	-	-	-	-	-	-	\$20,425.26
Average per Gallon Billed	Dollars	\$0.0080	\$0.0080	-	-	-	-	-	-	-	-	-	-	\$0.0080
Total Fees Billed	Dollars	\$27,543.00	\$27,645.00	-	-	-	-	-	-	-	-	-	-	\$55,193.00
Grand Total Billing (Usage + Fees)	Dollars	\$26,258.06	\$25,462.20	-	-	-	-	-	-	-	-	-	-	\$51,720.26
Average Usage Per Tap	Gallons	4,657	4,300	-	-	-	-	-	-	-	-	-	-	4,478
Average Total Billing Per Tap	Dollars	\$92.48	\$59.34	-	-	-	-	-	-	-	-	-	-	\$90.90

NOTES:
 *4/1/06 Est Value of Water Rights \$2000-\$12000/Acre-Foot
 *4/1/06 Est Usage Allowance per day per person per household per the state is 75 Gallons